

WHAT IS CLAIMED IS:

1. A functional fluid comprising a phosphate ester basestock and a salt or mixture of salts represented by the formula



where $R_f = F(CH_2CF_2)_y$, $y = 1$ to about 9 and M is an alkali metal selected from lithium, sodium, potassium, rubidium or cesium and a quaternary ammonium cation having following formula $RR'R''R'''N^{\oplus}$ wherein R, R', R'', R''' are independently hydrogen, hydrocarbyl groups of from 1 to 30 carbon atoms and oxygen containing hydrocarbyl groups of from 1 to 25 carbon atoms.

2. The fluid of claim 1 wherein the salt or mixture of salts comprises about 0.01 to about 0.5 wt% of the basestock.

3. The fluid of claim 2 wherein M is an alkali metal.

4. The fluid of claim 3 wherein M is potassium.

5. The method of inhibiting the erosion tendency of a phosphate ester based fluid comprising incorporating in the fluid from 0.01 to about 0.5 wt% of a compound or mixture of compounds represented by the formula



where $R_f = F(CH_2CF_2)_y$, $y = 1$ to about 9 and M is an alkali metal selected from lithium, sodium, potassium, rubidium or cesium and a quaternary ammonium cation having following formula $RR'R''R'''N^{\oplus}$ wherein R, R', R'', R''' are independently hydrogen, hydrocarbyl groups of from 1 to 30 carbon atoms and oxygen containing hydrocarbyl groups of from 1 to 25 carbon atoms.

6. The method of claim 5 wherein M is an alkali metal.

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